TeaderBoard & Yesterday's Solution(/faces/candidate/leaderboarddailychallenge.xhtml?RT=DAILYCHALLENGE)

**Daily Challenge** 

**Happy Coding from necse** 



**SKILLRACK** 

## **Maximum of Every Three Integers**

An array of N integers is given as input. The program must print the maximum of every three integers. Assume N is always divisible by three.

# **Boundary Condition(s):**

1 <= N <= 10000

#### **Input Format:**

The first line contains the value of N.

The second line contains N integers separated by space.

#### **Output Format:**

The first line contains N/3 integers separated by a space.

#### **Example Input/Output 1:**

Input:

6

23 67 18 5 23 32

Output:

67 32

#### **Example Input/Output 2:**

Input:

9

22 24 67 60 93 96 102 23 56

Output:

67 96 102

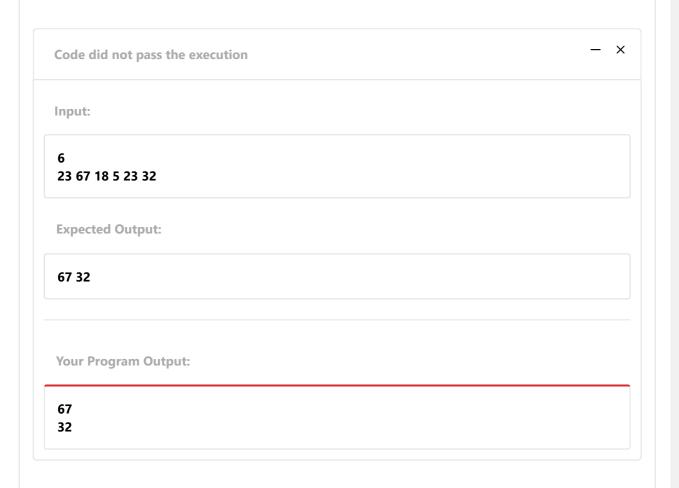
### **Max Execution Time Limit: 5000 millisecs**

**Ambiance** 

Java ( 12.0)



```
import java.util.*;
  1
    public class Hello {
  2
  3
         public static void main(String[] args)
  4
  5
              Scanner sc=new Scanner(System.in);
              int n=sc.nextInt();
  6
              int[] arr=new int[n];
  7
  8
              for(int i=0;i<n;i++){
                  arr[i]=sc.nextInt();
  9
 10
                  int l=n/3;
 11
                  int m=0, f=3;
 12
                  for(int k=0; k<1; k++){
 13
                       int max=0;
 14
                       for(int j=m;j<f;j++) {</pre>
 15
                           if(max<arr[j]){</pre>
 16
 17
                                max=arr[j];
18
                                }
 19
 20
                       System.out.print(max+" ");
 21
 22
                       m+=3;
 23
                       f+=3;
 24
                       }
 25
         }
 26
 27
 28
    }
1912080@nec
```



Save Run